

**SECRET**

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1967 MAR 17 03 53Z

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FM NPIC WASHDC

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**SECRET** CITE NPIC 0134.

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF  
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-952, 15 MAR 67.

((TEXT WHICH FOLLOWED WAS IDENTICAL TO ABOVE CITED MSN G-952))

17 MAR 1967

**SECRET**

-END OF MESSAGE-

NGA review(s) completed.

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S/C NOTE: ALSO PASSED

**SECRET**

PLEASE

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

C @CLEAR#, SC @SCATTERED CLOUD COVER#, HC @HEAVY CLOUD COVER#, H @HAZE#, CS @CLOUD SHADOW#, SD @SEMI DARKNESS#, GC @GROUND COVER#, CF @CAMOUFLAGE#, O @OBLIQUITY#, AND GR @GROUND RESOLUTION#.

TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL# OR PT @PARTIAL#. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO#, NS @NONSTEREO#, OR PS @PARTIAL STER

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT  
21-75 MM, MEDIUM 76-100 MM, HEAVY OVER 100 MM, AND AUTOMATIC  
WEAPONS ZPU-1, ZPU-2, AND ZPU-4. IF THE CATEGORY CANNOT BE  
DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER  
OF GUNS INDICATED (EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

ALQUIZAR SAM SITE A30-2 CU 2249N 08238W  
OB -- 6 EMPLACED LAUNCHERS AND AN OCCUPIED GUIDANCE  
AREA OBSERVED.  
OBLIQUITY LIMITS INTERPRETATION.

HOLGUIN SAM SITE B27-2 CU 2052N 07627W  
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES, 1  
ADDITIONAL LAUNCHER JUST OUTSIDE RING ROAD, 7  
CANVAS-COVERED MISSILE TRANSPORTERS, A FAN SONG RADAR  
WITH 6 ASSOCIATED VAN TRAILERS, 3 ADDITIONAL VAN  
TRAILERS, 2 CARGO TRUCKS, AND 2 TRUCK-MOUNTED CRANES.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

~~HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W  
OB -- 2 EMPLACED LAUNCHERS WITH MISSILES, 2 MISSILE  
TRANSPORTERS, AND 2 VEHICLES/PIECES OF EQUIPMENT  
OBSERVED IN CLOUD-FREE AREAS.~~

MAJANA SAM SITE 2 A27-A2 CU 2241N 08249W  
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES, 8 MISSILE  
TRANSPORTERS WITH EXPOSED MISSILES, A FAN SONG RADAR  
WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR  
WITH GENERATOR VAN, 7 AT-S TRACKED PRIME MOVERS, 3  
ZIL-157V TRUCK TRACTORS, 8 CARGO TRUCKS, 1  
TRUCK-MOUNTED CRANE, AND 3 OTHER VEHICLES.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

MARIEL SAM SITE 2 A30-2 CU 2300N 08248W  
OB -- 6 EMPLACED LAUNCHERS @1 WITH MISSILE, 8 MISSILE  
TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN  
TRAILERS, 8 AT-S TRACKED PRIME MOVERS, 9 CARGO TRUCKS,  
4 VAN TRUCKS, 3 VAN TRAILERS, AND 4 OTHER  
VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

7 SANTA CLARA SAM SITE A34-2 CU 2229N 88800W  
PERMANENT SITE IS IN LATE STAGES OF CONSTRUCTION.

OB -- 11 CANVAS-COVERED MISSILE TRANSPORTERS ARE IN AN  
ADJACENT VEHICLE PARKING AREA.

25X1 08 BAT TEMPORARY ADJACENT SITE -- 6 EMPLACED LAUNCHERS  
04 WITH MISSILES, 1 CANVAS COVERED MISSILE TRANSPORTER, AND AN OCCUPIED CENTRAL GUIDANCE AREA.  
ACTIVITY -- THE 6-GUN AAA SITE REMAINS OCCUPIED.  
SCATTERED CLOUDS AND OBLIQUITY LIMIT INTERPRETATION.

25X1 CONSTANCIA SAM SITE A10-2 CU 2214N 08030W  
08 -- 6 EMPLACED LAUNCHERS, 1 LAUNCHER ADJACENT TO  
SUPPORT BUILDING, 11 MISSILE TRANSPORTERS, AN OCCUPIED  
CENTRAL GUIDANCE AREA, AN ACQUISITION RADAR WITH  
ASSOCIATED GENERATOR VAN, AND 37 OTHER VEHICLES/PIECES  
OF EQUIPMENT.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.  
OBLIQUITY LIMITS INTERPRETATION.

5X1 LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W  
08 -- 2 MISSILE TRANSPORTERS, NUMEROUS MISSILE  
CANISTERS, 13 CARGO TRUCKS, 5 MISSILE CANISTER  
TRANSPORTERS, AND 14 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

5X1 SANTA FE SAM SITE CU 2147N 08250W  
08 -- 6 EMPLACED LAUNCHERS, 24 MISSILE TRANSPORTERS, AN  
OCCUPIED GUIDANCE AREA, AN ACQUISITION RADAR WITH  
GENERATOR VAN, 13 TRACKED PRIME MOVERS, 1 TRUCK-MOUNTED  
CRANE, AND 7 OTHER VEHICLES OBSERVED IN CLOUD-FREE  
AREAS.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1 SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W  
08 -- 6 EMPLACED LAUNCHERS 03 WITH MISSILES, 9 MISSILE  
TRANSPORTERS 08 WITH EXPOSED MISSILES, AND A FAN SONG  
RADAR WITH 6 VAN TRAILERS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1 SIGUANEA CRUISE-MISSILE SITE CU 2137N 08258W  
SITE REMAINS ABANDONED.

#### AIR FACILITIES

25X1 CAMILO CIENFUEGOS AIRFIELD CU 2229N 07956W  
08 -- AT LEAST 23 FAGOT/FRESCO, 2 LIAISON, AND 1 HOUND.  
ACTIVITY -- 2 SHIPPING CRATES.  
SCATTERED CLOUDS LIMIT INTERPRETATION.

25X1 CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W  
08 -- 2 C-47, 1 CRATE, 2 COLT, 1 LIAISON, AND 18 HOUND.

25X1 HOLGUIN AIRFIELD CU 2047N 07618W  
08 -- 9 FAGOT/FRESCO AND 1 HOUND.

25X1 LOS CANOS AIRFIELD CU 2005N 07509W  
08 -- 1 C-47.

25X1 SIGUANEA AIRFIELD CU 2138N 08257W  
08 -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1 COLONEL MARTIN MARRERRO AIRFIELD CU 2150N 08246W  
08 -- 1 CRATE AND 1 LIAISON.

25X1 JAME GONZALES AIRFIELD CU 2209N 08024W  
08 -- 1 COOT WITHOUT OUTER WING PANELS.

25X1 BAYAMO AIRFIELD CU 2022N 07637W

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2-2

25X1 [REDACTED]  
25X1 BAYAMO AIRFIELD CU 2222N 07637W  
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08 -- NONE OBSERVED

#### NAVAL ACTIVITY/PORTS

25X1 2 MARIEL NAVAL BASE AND NAVAL AIR STATION CU 2259N 08244W  
08 -- 1 PF, 1 KRONSHADT-CLASS PC, 6 S.O.1-CLASS SC, 3  
YP, AND 1 UNIDENTIFIED NAVAL VESSEL ON MARINE RAILWAY.  
OTHER VESSELS -- 1 LARGE FREIGHTER.

25X1 [REDACTED]  
CABANAS NAVAL BASE CU 2258N 08258W  
08 -- 13 KOMAR-CLASS PTG.

25X1 [REDACTED]  
SIGUANEA NAVAL BASE CU 2136N 08258W  
08 -- 1 YP.

25X1 [REDACTED]  
CIENFUEGOS NAVAL BASE CU 2208N 08027W  
08 -- 2 KRONSHADT-CLASS PC 01 ON MARINE RAILWAY AND 8  
P-6-CLASS PT 02 ON MARINE RAILWAY.  
OTHER VESSELS -- 4 LARGE FREIGHTERS.

25X1 [REDACTED]  
MANZANILLO PORT CU 2021N 07707W  
VESSELS -- NONE OBSERVED.

25X1 [REDACTED]  
NUEVITAS PORT CU 2132N 07715W  
VESSELS -- 8 LARGE FREIGHTERS AND 1 LARGE TANKER.

25X1 [REDACTED]  
NUEVA GERONA PORT CU 2153N 08248W  
VESSELS -- NONE OBSERVED.

25X1 [REDACTED]  
LA ISABELA PORT CU 2256N 08000W  
VESSELS -- 4 LARGE FREIGHTERS, 1 COASTAL FREIGHTER, AND  
1 LARGE TANKER.

25X1 [REDACTED]  
CAIBARIEN PORT CU 2231N 07928W  
VESSELS -- NONE OBSERVED.

25X1 [REDACTED]  
CASILDA PORT CU 2145N 07959W  
VESSELS -- NONE OBSERVED.

25X1 [REDACTED]  
BAHIA HONDA PORT CU 2255N 08310W  
VESSELS -- 1 FREIGHTER.

#### ELECTRONICS/COMMUNICATIONS

25X1 SANTA FE EW/GCI RADAR SITE CU 2139N 08245W  
08 -- NONE OBSERVED.

25X1 ACTIVITY -- 4 VAN TRUCKS, 1 CARGO TRUCK, AND 4 OTHER  
VEHICLES/PIECES OF EQUIPMENT.

25X1 [REDACTED]  
RANCHO LUNA LOW SIEVE RADAR SITE CU 2202N 08025W  
08 -- 1 LOW SIEVE RADAR.

#### MILITARY ACTIVITY

25X1 ALTO CEDRO MILITARY CAMP CU 2029N 07600W  
08 -- 18 TANKS/SP GUNS, 12 BTR 60-P, 16 PROBABLE FA  
PIECES, 23 AAA PIECES, 6 MORTARS, 72 CARGO TRUCKS, AND  
83 VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

25X1 [REDACTED]  
ARTEMISA MILITARY CAMP CU 2250N 08248W  
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08 -- 21 TANKS/SP GUNS, 5 AAA PIECES, 16 CARGO TRUCKS,  
22 MILITARY TRACKS.

25X1 ACTIVITY -- 1 OCCUPIED 9-GUN AAA SITE AND 1 OCCUPIED  
6-GUN AAA SITE  
Approved For Release 2006/03/16 : CIA-RDP78B03817A000400020024-3  
NO APPARENT CHANGE IN FACILITIES.

GUANTANAMO AREA CU 2018N 07525W  
NO NEW MILITARY ACTIVITY OBSERVED IN AREAS COVERED.  
AREA 1 -- 80 PERCENT USEABLE COVERAGE.  
AREAS 2, 3, 6, 9 -- 85 PERCENT USEABLE COVERAGE.  
25X1 AREA 1 -- 10 PERCENT USEABLE COVERAGE.  
AREA 5 -- 15 PERCENT USEABLE COVERAGE.  
AREAS 7, 8, 10 -- NOT COVERED.

HOLGUIN MILITARY CAMP CU 2053N 07613W  
OB -- 3 TANKS/SP GUNS, 14 FA/PIECES, 6 FA/AAA PIECES, 4  
5X1 MORTARS, 46 CARGO TRUCKS, 4 VAN TRUCKS, 5 UTILITY  
TRUCKS, AND 61 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

HOLGUIN MILITARY CAMP NW CU 2057N 07616W  
6X1 OB -- 2 TANKS/SP GUNS, 11 AAA PIECES, 19 CARGO TRUCKS,  
AND 2 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

REMEDIOS MILITARY AREA CU 2227N 07935W  
OB -- 51 FA PIECES, 17 MORTARS, 103 CARGO TRUCKS, 3  
UTILITY TRUCKS, 4 CARGO TRAILERS, AND 17 OTHER VEHICLES  
6X1 OBSERVED IN CLOUD-FREE AREAS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

25X1 GUANAJAY MILITARY CAMP MARTIN MESA CU 2257N 08243E  
OB -- AT 75 VEHICLES/PIECES OF EQUIPMENT.  
OBLIQUITY LIMITS INTERPRETATION.

25X1 JURAGUA MILITARY ACTIVITY CU 2209N 08035W  
OB -- NONE OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

MINAS MILITARY CAMP CU 2127N 07734W  
25X1 OB -- 18 TANKS/SP GUNS, 10 CARGO TRUCKS, 1 UTILITY  
TRUCK.  
NO APPARENT CHANGE IN FACILITIES.

PUERTO PADRE MILITARY AREA CU 2111N 07639W  
25X1 OB -- AT LEAST 19 VEHICLES/PIECES OF EQUIPMENT OBSERVED  
IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

SAN DIEGO DE NUNEZ MILITARY CAMP CU 2254N 08305W  
25X1 CONSTRUCTION CONTINUES AT SOUTH END OF CAMP.  
OB -- 8 CARGO TRUCKS, 3 VAN TRAILERS, AND 21  
VEHICLES/PIECES OF EQUIPMENT.

25X1 SANTA FE MILITARY CAMP LA CLARITA CU 2144N 08247W  
MAIN CAMP -- CLOUD-COVERED.  
OB OCAMP 1.5 NM WNW -- 3 CARGO TRUCKS AND 4  
VEHICLES/PIECES OF EQUIPMENT.  
25X1 OB OCAMP 4.8 NM NW -- 19 CARGO TRUCKS AND AT LEAST 6  
VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

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SANTA FE MILITARY CAMP LUMUNDA CU 2142N 08249W  
OB -- 12 AAA PIECES

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NO APPARENT CHANGE IN FACILITIES.

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SIGUANEA MILITARY ACTIVITY CU 2137N 08257W

OB -- 11 FA/AAA PIECES AND 3 PROBABLE CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

CIENFUEGOS MILITARY ACTIVITY CU 2209N 08027W

OB -- 16 FA PIECES AND 9 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

CONDADO PROBABLE MILITARY INSTALLATION CU 2152N 07951W

OB -- NONE OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

PLAYA YATERITAS LANDING BEACH CU 1958N 07457W

NO NEW MILITARY ACTIVITY OBSERVED.

CIENFUEGOS LANDING BEACH CU 2202N 08036W

NO NEW MILITARY ACTIVITY OBSERVED.

ENSENADA COLORADO LANDING BEACH CU 2202N 08025W

NO NEW MILITARY ACTIVITY OBSERVED.

PLAYA COLOMBO LANDING BEACH CU 2154N 08246W

NO NEW MILITARY ACTIVITY OBSERVED.

PLAYA DE FLAMENCOS LANDING BEACH CU 2153N 08243W

NO NEW MILITARY ACTIVITY OBSERVED.

IMIAS LANDING BEACH CU 2005N 07440W

NO NEW MILITARY ACTIVITY OBSERVED.

MOA PUNTA GORDON LANDING BEACH CU 2039N 07453W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

MOA CANANOVAN LANDING BEACH CU 2039N 07502W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

BAHIA HONDA EW/GCI RADAR SITE 2258N 08311W

BAHIA HONDA EW/GCI RADAR SITE 2 2255N 08312W

HOLGUIN EW/GCI RADAR SITE 2048N 07618W

PUNTA MAISI LOW SIEVE RADAR SITE 2014N 07409W

CABANAS LOW SIEVE RADAR SITE 2259N 08259W

SPECIAL AREA VERMONT 2301N 08248W

SPECIAL AREA OREGON 2259N 08244W

SPECIAL AREA GREEN 2255N 08242W

CAYO DE SABINAL LANDING BEACH 2144N 07728W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

CIFUENTES SAM ASSEMBLY AREA 2236N 08005W

RANCHUELO SAM SITE A33-2 2223N 08010W

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08230W

SAN ANTONIO DE LOS BANOS EW/GCI SITE 2 2253N 08230W

SAGUA LA GRANDE EW/GCI RADAR SITE 2 2248N 08006W

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE 2101N 07535W

OFELIA MILITARY CAMP 2006N 07530W

SANTA CLARA ARTILLERY TRAINING AREA 2222N 08000W

SANTA CLARA MILITARY ACTIVITY 2220N 07957W

SANTA CLARA MILITARY CAMP SOUTH 2222N 07958W

LAS MERCEDES VEHICLE PARK 2224N 08001W

ALQUIZAR MILITARY ACTIVITY 2251N 08234W

ALQUIZAR LANDING BEACH 2242N 07533W

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